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[54]	INFORMATION HANDLING SYSTEM ANI)
	TERMINAL APPARATUS THEREFOR	

[75] Inventor: Desmond J. Sargent, Felixstowe,

England

The Post Office, United Kingdom [73] Assignee:

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[56] References Cited

U.S. PATENT DOCUMENTS

3,297,998	1/1967	Klein	364/200
3,344,401	9/1967	MacDonald .	
3,389,404	6/1968	Koster	364/200
3,405,457	10/1968	Bitzer	434/323
3,566,370	2/1971	Worthington, Jr. et al	364/200
3,670,322	6/1972	Mallebrein .	•
3,688,276	8/1972	Quinn	364/200
3,704,453	9/1972	Backwell et al	
3,740,728	3/1973	Pullen .	
3,792,462	6/1974	Casey et al	
3,842,405	3/1974	Key et al	
3,848,232	11/1974	Leibler et al	364/200
3,900,835	8/1975	Bell et al	364/200
3,980,994	9/1926	Ying et al	364/200
3,996,671	12/1976	Foster	434/323
3,999,307	12/1976	Tsuda et al	434/323
4,047,248	9/1977	Lyman et al	364/900
4,065,810	12/1977	Cramer et al	364/200
4,130,881	12/1978	Haessler et al	364/900

FOREIGN PATENT DOCUMENTS

1389314 of 0000 United Kingdom .

OTHER PUBLICATIONS

NTZ, vol. 28, No. 6, 1975-6, German Language article.

Nachrichtentechnische Zeitschrift, vol. 28, No. 6, Jun. 1975, pp. 214-218.

IBM Technical Disclosure Bulletin, vol. 16, No. 9, Feb. 1974, pp. 2932-2934.

AFIPS Joint Computer Conference 1976, vol. 45, Proc. Nat. Comp. Conf. NY, 7-10 Jun. 1976, pp. 789-794. "Design of Man-Computer Dialogues", J. Martin, Prentice-Hall (1973), pp. 110-120.

"Computer System Organisation & Programming", Science Research Associates Inc., H. Katzan (May 1976), pp. 318-334.

"Teletext Data Decoding—The LSI Approach", by Brian Norris and Bob Parsons, pp. 1-7, of unknown

"View Data-An Interactive Information Service For The General Public", by S. Fedida, Proceedings European Computing Conference on Communications Networks, Sep. 1975, pp. 261-282.

"View Data—Development of Computer-Based Information Media For The General Public", by S. Fedida, Second Internation Symposium on Subscribers Loops and Services, 3-7 May 1976.

IBM Technical Disclosure Bulletin, vol. 16, No. 9, Feb. 1974, "Message Control for Computer Output Display", by Hartman et al., pp. 2932-2934.

Primary Examiner-Eddie P. Chan

Attorney, Agent, or Firm-Nixon & Vanderhye [57]

ABSTRACT

Informaton for display at a terminal apparatus of a computer is stored in blocks the first part of which contains the information which is actually displayed at the terminal and the second part of which contains information relating to the display and which may be used to influence the display at the time or in response to a keyboard entry signal. For example, the second part of the block could include information for providing the complete address of an another block which would be selected by the operation of a selected key of the keyboard. The second part of the block could alternatively influence the format and/or color of the display at the terminal. When a block is read from the store of the computer the second part is retained in another store which may be located in the terminal or in the computer itself or perhaps both. The invention is particularly useful in reducing the complexity of the operating protocol of the computer.

7 Claims, 2 Drawing Sheets

